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IMMEDIATELY

HAMILTON, SUNBURST HIGH SCHOOL STUDENTS  
TO ENTER SCIENTIFIC EXHIBITS MAY 9-15  
IN 'INTERNATIONAL SCIENCE AND ENGINEERING FAIR'

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MISSOULA--

A pair of Montana high school students from Hamilton and Sunburst who won the Grand Awards in Division I of the 21st Annual Montana Science Fair Friday and Saturday, April 9-10, at the University of Montana in Missoula will enter their science fair exhibits in the 27th International Science and Engineering Fair May 9-15 in Denver, Colo.

The Montana students who will enter the international competition are Eric S. Peterson, 18, a senior at Hamilton High School, Hamilton, and Kay Schrammeck, 18, a senior at North Toole County High School, Sunburst. This is the second year that Peterson has won the right to compete in the International Science and Engineering Fair.

Peterson won one of the two Grand Awards in Division I of the State Science Fair this year at UM for his experiment entitled "Studies of the Heart in Guinea Pigs--Anatomic, Physiologic, and Pathologic." In the spring of 1975, Peterson was one of two Grand Award winners in Division I at the 20th Annual State Science Fair at UM for his experiment entitled "Electrocardiography in Guinea Pigs," a less-detailed study than his experiment this year.

Miss Schrammeck, who won several awards at the 1975 State Science Fair for a tissue grafting experiment with earthworms, won a Grand Award in Division I at this year's Montana Science Fair with her experiment entitled "The Study of Sporulation in *Alternaria carthami*," dealing with artificial reproduction of a fungus.

Peterson and Miss Schrammeck each won several additional awards at the 21st Annual Montana Science Fair Friday and Saturday, April 9-10, at UM for their respective scientific studies.

After being named one of two Grand Award winners at the 20th Annual State Science Fair in the spring of 1975 at the University, Peterson went on to win the "Comparative Medicine Award" from the American Veterinary Medical Association in May of 1975 with his guinea pig experiment at the 26th International Science and Engineering Fair in Oklahoma City, Okla.

Peterson is son of Dr. and Mrs. Richard L. Peterson, Hamilton, and Miss Schrammeck is daughter of Mr. and Mrs. Paul Schrammeck, Sunburst.

Peterson plans to attend Concordia College, Moorhead, Minn., in the fall to study premedicine. Miss Schrammeck will enroll at Eastern Montana College, Billings, this fall for the study of elementary education.

Trips by the State Science Fair Grand Award winners to the International Science and Engineering Fair are financed by the Missoula Exchange Club, which is cosponsor of the Montana Science Fair with the University of Montana.

The next three best exhibits in the Division I competition at this year's State Science Fair, which was held in the Harry Adams Field House at UM, were done by other high school students. All three experiments were judged to be of equal quality.

Ranking equally were Barb Johannsen, North Toole County High School, Sunburst, "A Study of the Production and the Inhibition of Cytochrome Oxidase in the Early Stages of the Development of the Chick Embryo"; Mark Grosen, Big Sandy High School, Big Sandy, "The Transistor As a Medium For Producing Amplitude Modulation," and Ed Lambert, Butte High School, Butte, "Use of Garlic As a Pesticide."

Grand Award recognition also was made in Division II--the 7th and 8th grade competition--of the 1976 Annual State Science Fair at UM. A total of nine students were recognized for the quality of their experiments in that division. They are:

Biological Sciences, 8th grade--(1) Stacy Schwarz, Rattlesnake School, Missoula, "A Nutrition Study"; (tie for 2nd) Brad Painter, Meadow Hill School, Missoula, "Rock and Roll, A Hearing Loss?", and Cindy Johnston, Meadow Hill School, Missoula, "What Is the Recall Ability of Various Age Levels?"

Physical Sciences, 8th grade--(1) David Gibson, Kalispell Junior High School, Kalispell, "Ozone"; (2) Tamra Louise DeRudder, Bridger School, Bridger, "Saline Seep in Montana."

Biological Sciences, 7th grade--(1) Michelle Wing, Bozeman Junior High School, Bozeman, "Watch That Lotion!"; (2) Brad Jackson, Bozeman Junior High School, "What Causes Pine Needle Abortion in Cattle?"

Physical Sciences, 7th grade--(1) Stephanie Ammons, Paxson School, Missoula, "Turning Sunlight Into Electricity"; (2) Mindy Ward, Russell School, Missoula, "Effect of Household Products on Blood."

Vickie Ellen Dutton, Great Falls, a senior at Great Falls High School (GFHS), was named winner of the \$500 Missoula Exchange Club Scholarship at the 21st Annual State Science Fair awards luncheon Saturday, April 10, in the University Center Ballroom. The scholarship is awarded to students who plan to attend UM.

First alternate for the \$500 Missoula Exchange Club Scholarship is Douglas J. McNaught, who also is a senior at GFHS.

The State Science Fair was founded at UM in 1956 by Dr. Reuben A. Diettert, UM professor emeritus of botany, who directed the fair for 18 years.

Dr. Leonard E. Porter, associate professor of physics at UM, has been director of the Montana Science Fair since Diettert directed his last fair in 1973. Diettert has assisted at the State Science Fair since he retired from the directorship.